

# California OES Weather Threat Briefing

Sunday, July 18, 2021  
9:00 AM PDT

**Day 1 (Sunday):** Critical fire weather conditions are expected across much of the state today. Strong gusty winds and low relative humidity are expected in northeastern California, while dry thunderstorms could lead to new fire starts in northern and central California.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# WEATHER KEY POINTS

07/18/21 - 07/24/21

## Sunday-Monday

- Thunderstorms will increase across much of the state Sunday and Monday
  - **For northern and central California, some storms will be dry, which could lead to new lightning-caused fire starts**
    - Because of this concern, fire weather conditions are considered critical for Sunday and Monday across much of Inland and portions of Coastal Region, as well as far northern portions of Southern Region
    - Storms could also produce locally very gusty winds, further increasing the fire weather risk
    - **This is NOT expected to be a repeat of the August 2020 dry lightning event, but any dry lightning is still a significant concern because of the persistent dry conditions across the state**
  - Across much of Southern Region, these thunderstorms are expected to be wetter, and a few storms could produce heavy rainfall and local flash flooding
- Critical fire weather conditions are also expected today in northeastern California due to strong gusty winds and low relative humidity
- Low to moderate heat impacts will continue across Inland and Southern Regions, with most temperatures only a few degrees above normal for mid-July

## Tuesday-Saturday

- A decrease in thunderstorm activity is expected for Tuesday and Wednesday, with any storms expected to be isolated in nature and primarily over the Sierra and Southern Region mountains
  - Additional moisture could potentially move into the state late in the week and bring more scattered coverage of showers and thunderstorms
- Fire weather conditions will remain elevated through much of the week, with dry conditions continuing in most locations and locally breezy winds possible, especially in the mountains and foothills
- Low to moderate heat risk impacts will continue across primarily inland portions of Southern Region, with a bit of a cooling trend expected for the end of the week



# CALIFORNIA WEATHER IMPACTS

07/18/21 - 07/24/21

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
<b>Non-Thunderstorm Damaging Winds</b>							
<b>Snow</b>							
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)	All Regions	All Regions	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions
<b>Heat Risk</b>	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>	Southern	Southern					
<b>Cold</b>							



No Impacts



Minimal Impacts



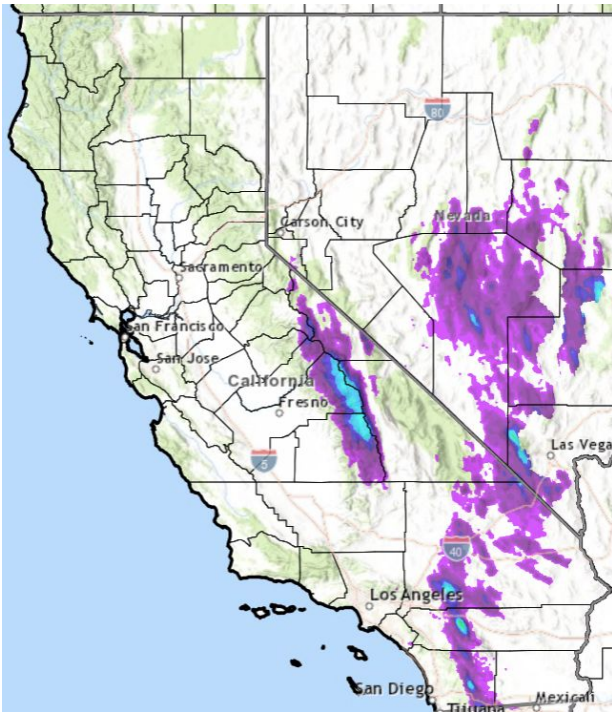
Moderate Impacts



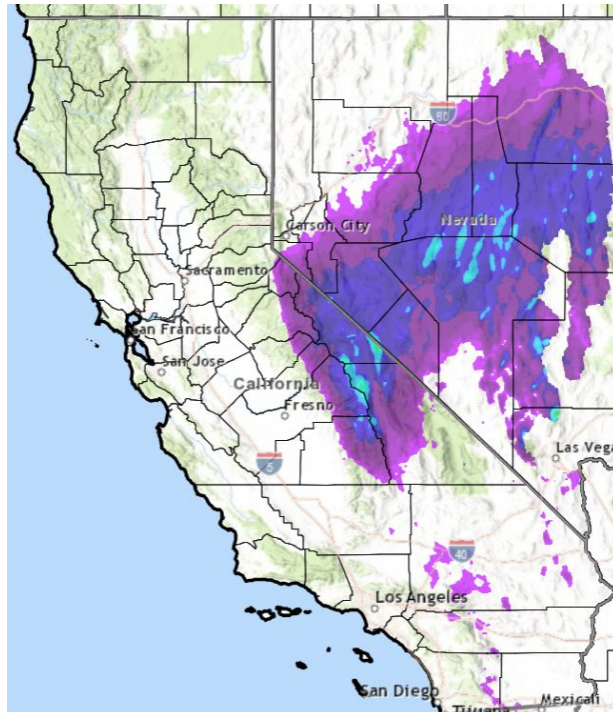
Severe Impacts

# PRECIPITATION FORECAST

07/18/21 - 07/20/21



**Sunday**



**Monday**



**Tuesday**

**Precipitation (inches)**



# **WEATHER OUTLOOK**

**07/23/21 - 07/31/21**

## **6-10 Day Outlook (July 23 – July 27)**

### **Temperatures**

- Below normal temperatures are favored across far southern California, with near normal temperatures favored for much of the remainder of the state, except northeast California where above normal temperatures are favored

### **Precipitation**

- Above normal precipitation is favored for southeast California, with near normal precipitation favored for much of the rest of the state, except in northeast California where below normal precipitation is favored

## **8-14 Day Outlook (July 25 – July 31)**

### **Temperatures**

- Above normal temperatures are favored for much of the state, except for below normal temperatures favored for far southern California

### **Precipitation**

- Near normal precipitation is favored for the majority of the state, with the exception of far northern and far southern California where below normal precipitation is favored



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